

1. (Amended) A phone system adapter box for use with a phone system controller coupled to a telephone line that is operable to provide a telephony feature, said phone system adapter box, comprising:

16 a switch circuit operable to selectively couple a telephone to said telephone line;

a wireless communication interface operable to establish a wireless control channel between said wireless communication interface and said phone system controller, said wireless control channel operable to carry control signals associated with said telephony feature between said wireless communication interface and said phone system controller; and

a housing operable to house said switch circuit and said wireless communication interface.

7. (Amended) A telephone system for providing a telephony feature, comprising a phone system controller and a first telephone system interface, wherein:

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said first telephone system interface is coupled between a first telephone handset and a telephone line, said first telephone system interface operable to (i) selectively couple said first telephone handset to said telephone line, and (ii) establish a first wireless control channel to said phone system controller,

said wireless control channel operable to carry control signals associated with said telephony feature between said first telephone system interface and said phone system controller, and

said phone system controller is coupled to said telephone line and operable to (i) receive said first control signals via said wireless control channel, and (ii) process said first control signals to provide said telephony feature.

9. (Amended) The telephone system of claim 8, wherein:

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said phone system controller is further operable to (i) process said voice signals received via said first wireless communication channel to obtain a telephone number, and (ii) dial said telephone number by applying signals to said telephone line.

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13. (Amended) A method of connecting a telephone to a phone system controller coupled to a telephone line that provides a telephony feature, comprising the steps of:

establishing a wireless control channel between said phone system controller and a phone system adapter box coupled to said telephone line and said telephone;

transmitting control signals associated with a telephony feature from said phone system controller to said phone system adaptor box via said wireless control channel; and

processing said control signals at said phone system adaptor box in order to provide said telephony feature.

14. (Amended) The method of claim 13, wherein said processing step comprises the step of:

providing said telephony feature by said phone system controller applying signals to said telephone line to which said phone system adapter box is coupled.